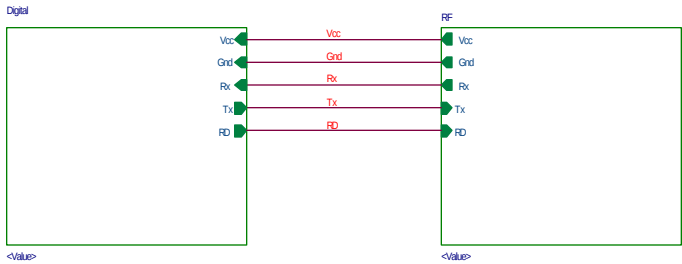
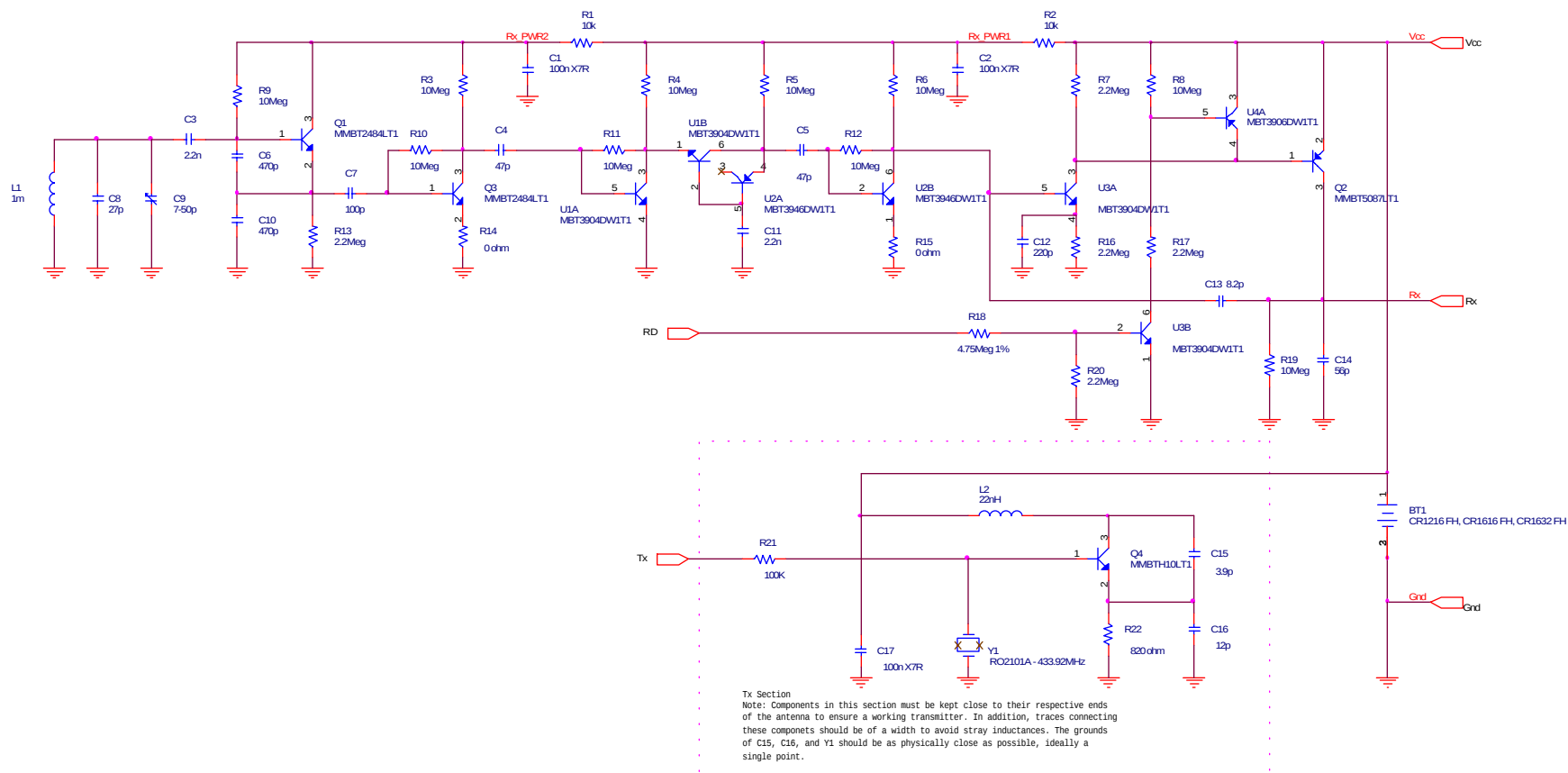
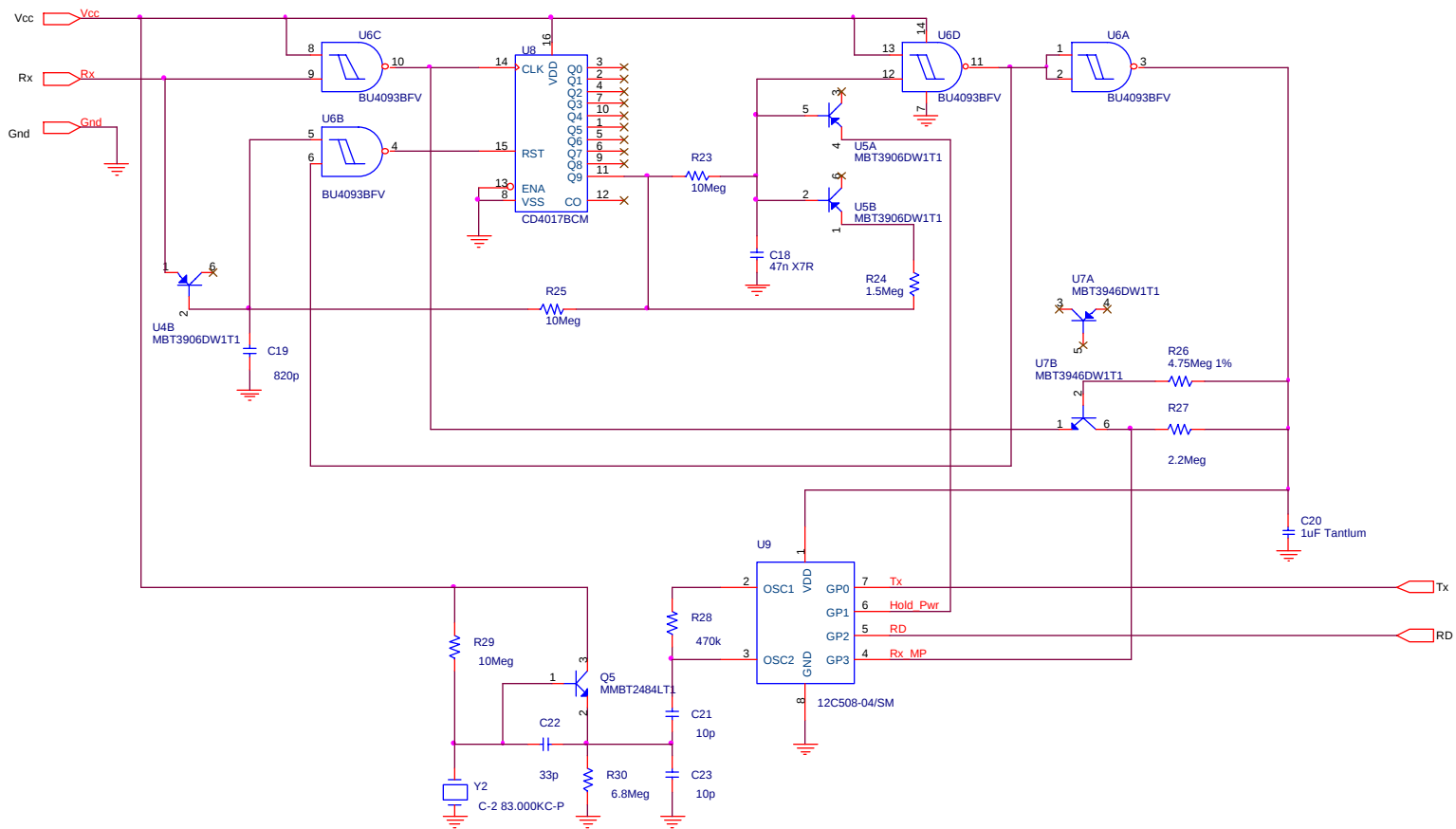


Design Notes:
Note: Shielding is required between the RF and digital sections to ensure that high frequency components of the digital signals are not coupled into the receiver. A ground plane between the two circuits (layers) should be sufficient to provide this shielding. Tx Section Note: Components in the Tx section must be kept close to their respective ends of the antenna to ensure a working transmitter. In addition, traces connecting these componets should be of a width to avoid stray inductances. In addition the grounds of C15, C16, and Y1 should be as physically close as possible, ideally a single point.
Component Notes: (These notes will appear in the BOM)
A1 All capacitors are type NPO unless otherwise noted A2 All resistors, capacitors, and inductors have 5% tolerances unless otherwise noted A3 All capacitor voltages are 16v or greater unless otherwise noted
Revision Status:
1. Initial Halo compatibleInfant tag design





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